HW 2-11 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Equation of a Line – Parallel

1) What is the equation of a line that is parallel to the line y = 8x + 2?

(1) 2y = -16x + 6 (3) y = -1/8x + 5

(2) y = 1/8x – 2 (4) 2y = 16x - 8

2) What is the equation that is parallel to the line y = 1/2x + 3?

(1) 3y = 6x + 18 (3) 4y = -8x + 5

(2) 6y – 3x = 12 (4) y = -1/2x + 3

3) Write an equation of a line that passes through the point (1, 0) and is parallel to the line 4y + 2x = 8.

4) Write an equation of a line that passes through the point (-3,2) and is parallel to the line 2*x* - 3*y* = 12.

5) Write an equation of a line passing through points (-2, -4) and (3, 6).

6) Write an equation of a line whose slope is -6 and passes through the point (7, -2).